



To request the High-Voltage Electrical Awareness prop and training program, complete the standard Massachusetts Firefighting Academy **Course Request Form**, which can be found on the MFA Applications Forms and Policies webpage.

## HIGH VOLTAGE ELECTRICAL AWARENESS

You respond to a vehicle accident with wires down. An injured victim is trapped in the auto. After you perform an initial scene assessment, then what? What problems could you encounter? What hazards do you face? What is your next step? Will your next step cause you to become part of the problem?

Oftentimes the fire department responds to an incident prior to the utility company arriving on scene. How do we handle high-voltage emergencies in the field? What is "Step Potential"? How do we deal with emergencies involving electrical transformers? What are all of the wires on a typical telephone pole? What is the difference between transmission and distribution lines? Does Mother Nature play a part in the hazards we face?



This program was designed with the first responder in mind. It covers the problems that emergency workers potentially encounter every day, highlighting the hazards that they face as well as the safe procedures to execute to reduce their risks when coming upon a high-voltage emergency.

Offerings will be  
scheduled in each  
Training Region.

This 4-hour program incorporates a classroom component and a display/awareness presentation utilizing the MFA's new electrical prop in order to identify the electrical hazards facing today's first responders as well as providing familiarity with electrical transformers, insulating caps, fuses, lightning arrestors, capacitor banks, various electrical meters, and primary and secondary power lines.



For more information,  
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